



Audio System Upgrade Package
2007- 2010 Chrysler Sebring (Non Convertible Only)
2007- 2011 Dodge Avenger (Non Convertible Only)
2011 Chrysler 200

Installation Instructions

CONTENTS

1EA.	FIVE CHANNEL AMPLIFIER/BRACKET ASSEMBLY	P/N	MPDSP038AA
1EA.	POWER HARNESS	P/N	RH41JSP
1EA.	OVERLAY HARNESS	P/N	RH41JS
3EA.	BOLT WITH WASHER	P/N	RFM6SCREW
1EA.	FUSE 30 AMP	P/N	RFUSE30
6EA.	WIRE TIE	P/N	RFZIP6
1EA.	INSTRUCTIONS	P/N	RBI77KICK38

TOOLS REQUIRED:

***Ratchet*15mm Socket*10mm Socket*Panel Removal Tool*15mm Wrench*Phillips Screwdriver**
***Straight Screwdriver*Razor Knife*Swivel Attachment*12 Inch Extension**

Radio Removal Avenger

1. Using a panel removal tool carefully pry loose the chrome bezel around the shifter. Fig. 1
2. Pull up on the accessory tray directly in front of the shifter and remove the tray.
3. Starting at the top, just below the radio, use a panel removal tool to pry loose the lower trim bezel that extends from the bottom of the radio down to the console. Once the snap clips have been release on both sides slide the bezel back away from the dash to release the hooks near the shifter. Fig. 2





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4. Using a panel removal tool carefully pry the upper radio bezel loose disconnect wiring and remove. Fig. 3
5. Remove the four Torx® T20 screws securing the radio. Fig. 4
6. Pull the radio from the dash and disconnect the wiring. Disconnect the antenna cable by pulling the locking antenna connector away from the radio. **Caution:** Pulling the antenna cable straight out of the radio without pulling on the locking antenna connector could damage the cable or radio.



Radio Removal Sebring

7. Using a panel removal tool, carefully start prying the radio bezel loose. Disconnect wiring and set aside. Fig. 5
8. Remove the four Phillips screws securing the radio. Fig. 6
9. Pull the radio from the dash and disconnect the wiring. Disconnect the antenna cable by pulling the locking antenna connector away from the radio. **Caution:** Pulling the antenna cable straight out of the radio without pulling on the locking antenna connector could damage the cable or radio.





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Amp Installation

- 10. Using a panel removal tool pry loose the front sill plate on the driver's and passenger's side. Fig. 7**
11. Pull back the rubber molding along the driver's and passenger's side kick panels and pull straight back on the kick panels to remove them. Fig. 8



- 12. Open the glove compartment. Disconnect the string tension mechanism (if equipped) on the right side, then squeeze both sides of the compartment inward to allow the stops to come past the dash. Rotate the compartment all the way down and remove. Fig. 9**
13. Push down on the fabric panel under the dash to release the two plastic fasteners and remove the panel. Fig. 10



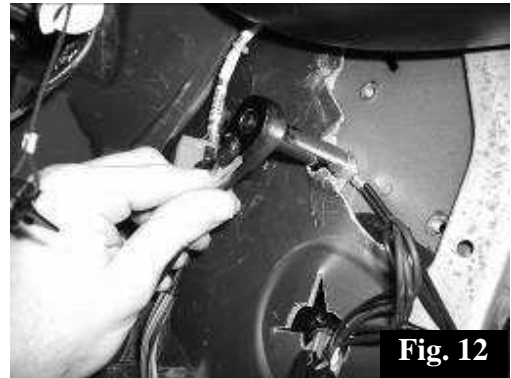


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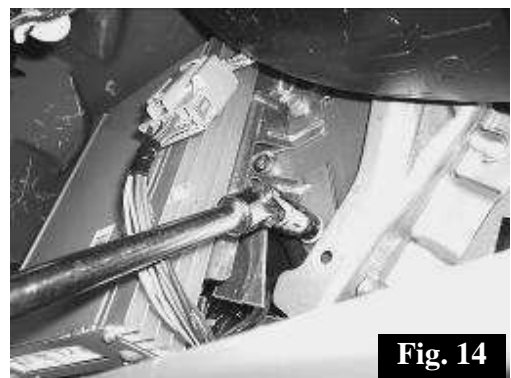
Installation Instructions

Amp Installation (continued)

- 14. Locate the gray connector above the passenger's side kick panel area and pry it loose from the metal. Fig. 11**
- 15. Ground the amplifier harness to the factory ground point above the passenger's side kick panel area. Fig. 12**



- 16. Install the amplifier (connector end facing down) above the passenger side kick panel area lining up the holes in the bracket with the holes in the vehicle. Fig. 13**
- 17. Using a ratchet, a twelve inch extension and a swivel attachment, install the three 10mm bolts to secure the amplifier bracket. (two in front and one in back) Fig. 14**



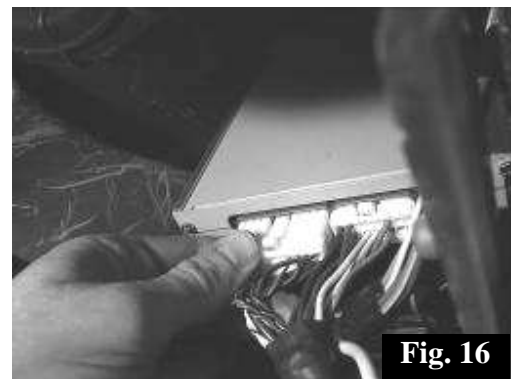
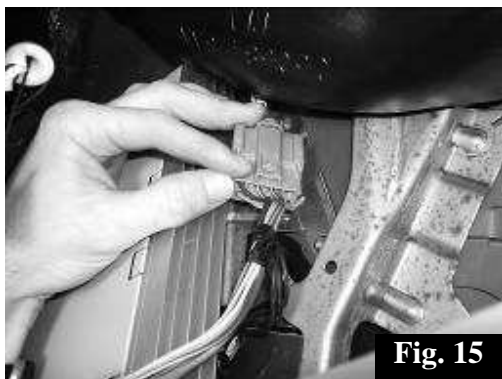


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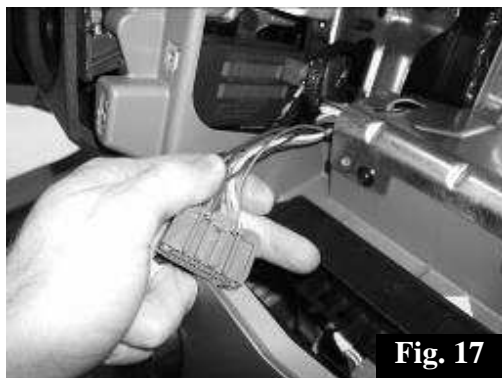
Installation Instructions

Amp Installation (continued)

- 18. Reattach the connector removed in step 8 to the amplifier bracket. Fig. 15**
19. Connect the amplifier harness to the amplifier. Fig. 16



- 20. Route the harness to the radio opening and under the metal plate that supports the radio. Continue to route the power and subwoofer signal wires toward the driver's side kick panel area. Fig. 17**
21. Connect the male radio harness connector to the female connector of the amp harness and tuck this connection out of the way to avoid interference with radio during reinstallation. Fig. 18
22. You can now connect the radio to the amp harness and reconnect the antennae wire and reinstall the radio.





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Power Harness Installation

23. Using a straight screwdriver pry out the center portion of the eight plastic retainers securing the rear half of the driver's side front wheel well liner. It may be helpful to rotate the tires all the way to the right. Fig. 19
24. With the retainers removed pull the wheel well liner out. Fig. 20

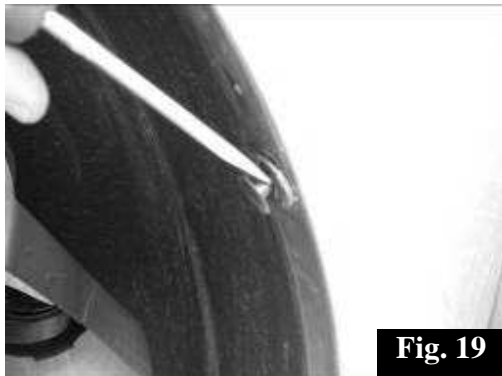


Fig. 19



Fig. 20

25. Using a 15mm ratchet and wrench loosen and remove the nut on the positive battery accessory lug indicated in Fig. 21
26. Connect the ring terminal of the power harness to the lug and retighten the nut.
27. Route the harness between the shock tower and the relay box and then between the fuse box and the fender. Fig. 22



Fig. 21

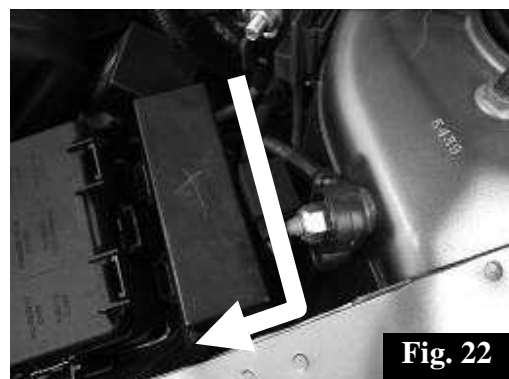


Fig. 22



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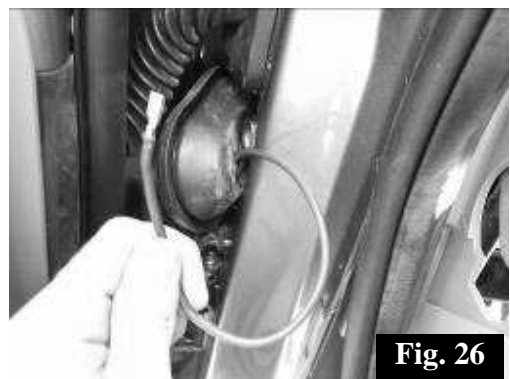
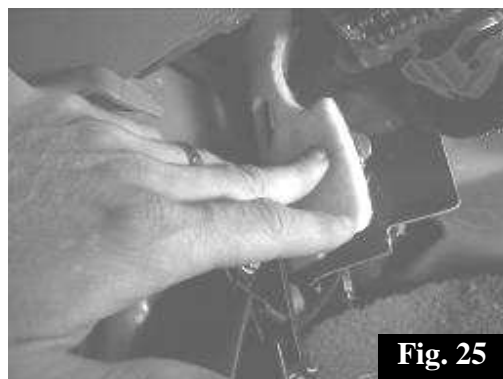
Installation Instructions

Power Harness Installation (continued)

28. Continue routing the harness behind the fender and into the wheel well opening along side the main vehicle body harness. Fig. 23
29. Pass wire between the door jamb and door.
30. Locate the large grommet in the driver's door jamb where the main body harness passes into the interior of the vehicle. This is not the boot between the door and the door jamb. Pull the grommet out away from the metal a couple of inches. Fig. 24



31. Remove the plastic retainer above the hood release lever and push the sound damping material back to find where the main body harness enters the vehicle. Fig. 25
32. Make a small hole in the grommet using a razor knife and push the power wire through the rubber grommet. Pull the wire through until the protective loom just touches the grommet. Fig. 26
33. Pass the wire through the metal and pull through to the interior of the vehicle. Press the grommet back into place making sure it seals all the way around.



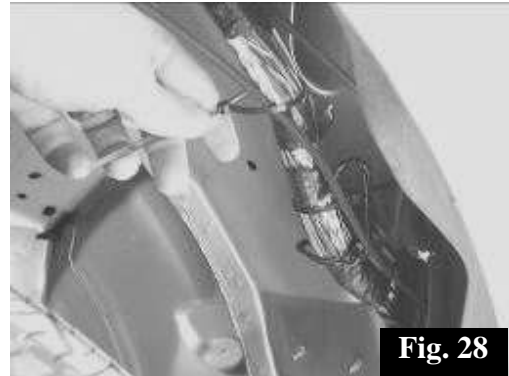
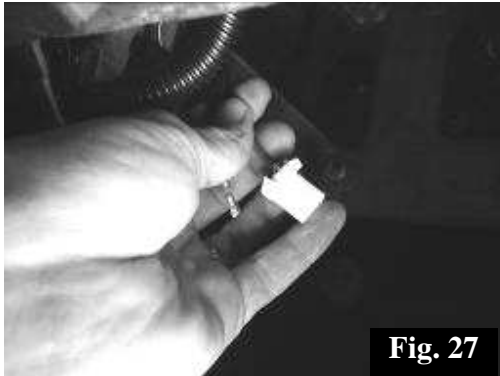


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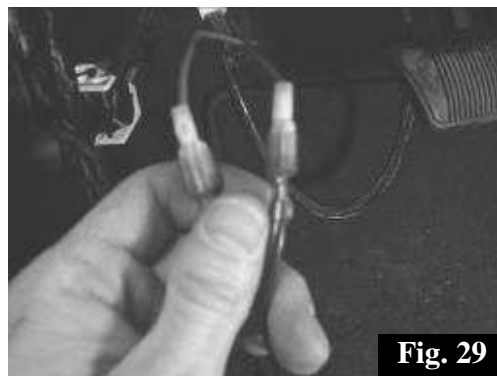
Power Harness Installation (continued)

- 34. Install the supplied three pin connector by inserting the terminals on the ends of the power wire into the back of the connector until they click and lock. Fig. 27**
- 35. Use the supplied wire ties to secure the harness to the main body harness approximately every ten inches. Fig. 28**
- 36. Plug the power wire connector on the amplifier harness to the connector you installed on the wires coming from the under the hood.**



Important!

If you have previously installed a Kicker® subwoofer kit (#77KICK26 or #77KICK27) you would have tapped into the left front door speaker wires in the kick panel area. Disconnect those wires and reconnect them to the brown and green wires in the subwoofer harness. The brown wire connects to the brown wire and the green wire connects to the green wire. Fig. 29



- 37. Reinstall all previously removed parts in reverse order.**
- 38. Install the supplied fuse in the fuse holder under the hood.**



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2. Remove the four Torx® T20 screws securing the radio. Fig. 2
3. Pull the radio from the dash and disconnect the wiring. Disconnect the antenna cable by pulling the locking antenna connector away from the radio. **Caution:** Pulling the antenna cable straight out of the radio without pulling on the locking antenna connector could damage the cable or radio.



Amp Installation

4. Using a panel removal tool pry loose the front sill plate on the driver's and passenger's side. Fig. 3
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6. **Open the glove compartment. Disconnect the string tension mechanism (if equipped) on the right side, then squeeze both sides of the compartment inward to allow the stops to come past the dash. Rotate the compartment all the way down and remove. Fig. 5**
7. **Push down on the fabric panel under the dash to release the two plastic fasteners and remove the panel. Fig. 6**



Amp Installation (continued)

8. **Locate the gray connector above the passenger's side kick panel area and pry it loose from the metal. Fig. 7**
9. **Ground the amplifier harness to the factory ground point above the passenger's side kick panel area. Fig. 8**





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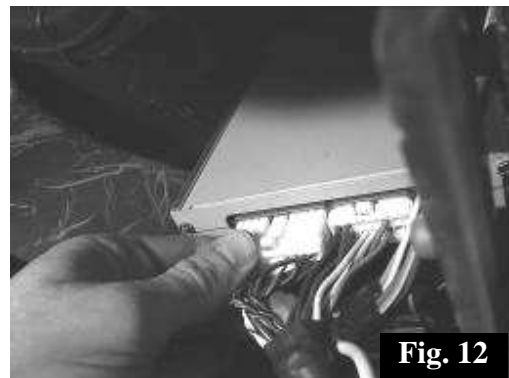
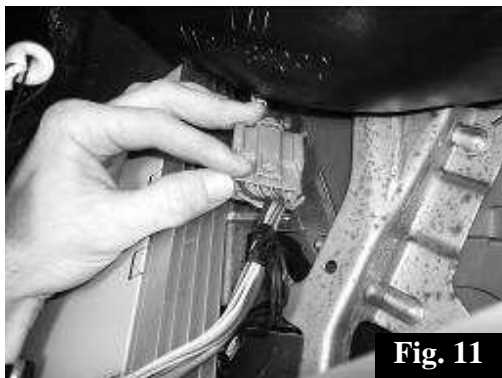
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- 10. Install the amplifier (connector end facing down) above the passenger side kick panel area lining up the holes in the bracket with the holes in the vehicle. Fig. 9**
- 11. Using a ratchet, a twelve inch extension and a swivel attachment, install the three 10mm bolts to secure the amplifier bracket. (two in front and one in back) Fig. 10**



Amp Installation (continued)

- 12. Reattach the connector removed in step 8 to the amplifier bracket. Fig. 11**
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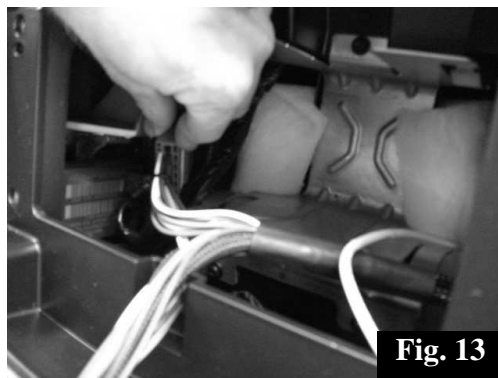




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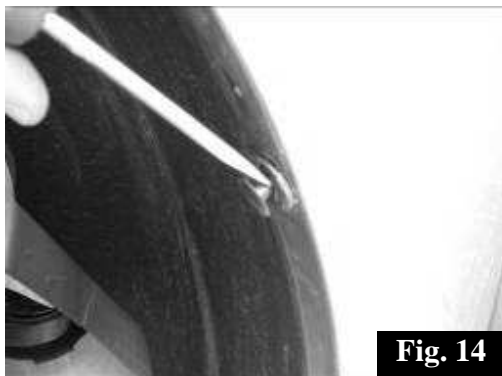
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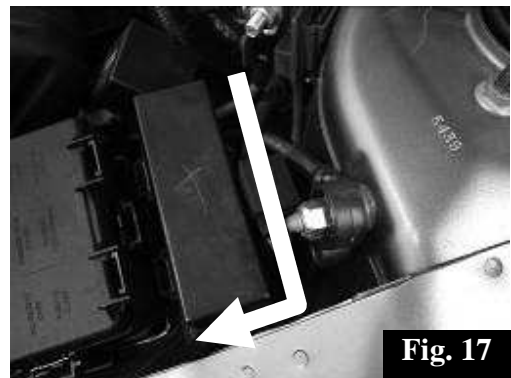




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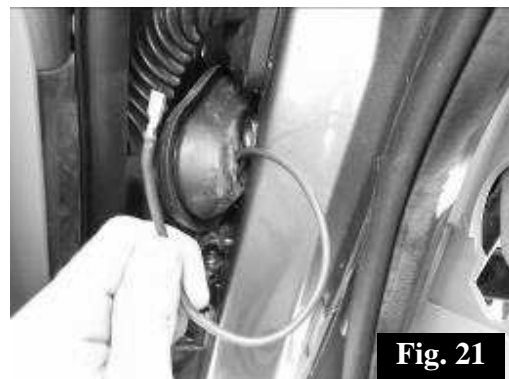




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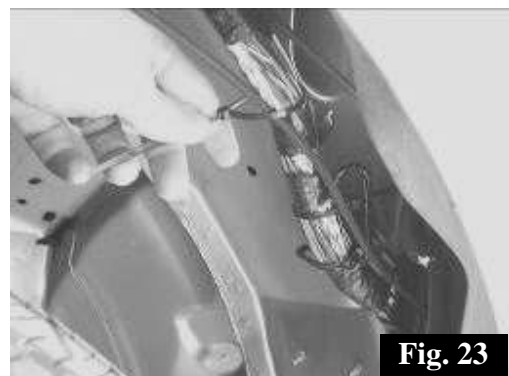
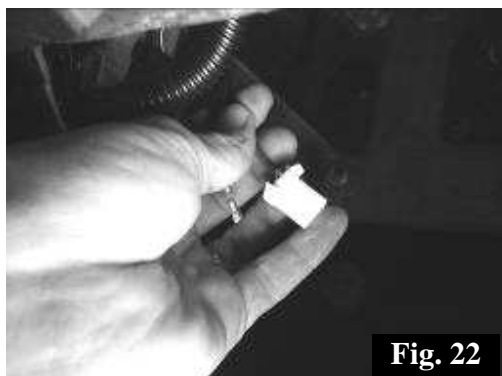
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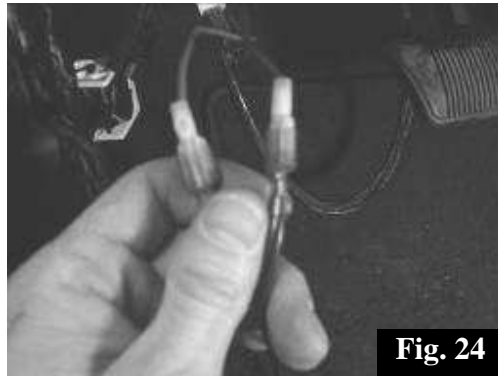


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